

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for redundant data storage on an individual hard drive, comprising the steps of:
 - defining at least two data storage segments on said individual hard drive;
 - associating a first read/write head with a first data storage segment of said at least two data storage segments;
 - associating a second read/write head with a second data storage segment of said at least two data storage segments; [[and]]
 - said defining and associating steps are performed in response to receipt of a software mode select command that has a format comprising multiple parameter selection fields, and is used to set the hard drive to a Redundant Array of Independent Disks (RAID) level selected from any one of multiple RAID levels; and
 - responsive to a write operation for storing a predefined set of data on said individual hard drive, storing said predefined set of data on said first data storage segment with said first read/write head, and storing said predefined set of data on said second data storage segment with said second read/write head.
2. (Currently Amended) The method of Claim 1, wherein ~~the defining and associating steps are performed responsive to receipt of a~~ one of said multiple parameter selection fields of the mode select command including a mode operation selection ~~is used to specify said RAID level selected from any one of said multiple RAID levels.~~
3. (Currently Amended) The method of Claim 1, wherein ~~the defining and associating steps are performed by said individual hard drive responsive to receipt of a RAID Page~~ a third read/write head associated with a third storage segment on said individual storage hard drive is used to store parity information pertaining to data stored on said first and second data storage segments.
4. (Original) The method of Claim 1, wherein the defining and associating steps are performed by said individual hard drive responsive to receipt of a RAID Page including a RAID 1 mode selection.

5. (Original) The method of Claim 1, wherein the defining and associating steps are performed by said individual hard drive responsive to receipt of a RAID Page including a RAID 3 mode selection.
6. (Original) The method of Claim 1, wherein the defining and associating steps are performed by a controller associated with said individual hard drive.
7. (Original) The method of Claim 1, wherein the defining and associating steps are performed by a RAID controller associated with said individual hard drive.
8. (Currently Amended) A system for redundant data storage on an individual hard drive, comprising:
- means for defining at least two data storage segments on said individual hard drive;
 - means for associating a first read/write head with a first data storage segment of said at least two data storage segments;
 - means for associating a second read/write head with a second data storage segment of said at least two data storage segments; [[and]]
said defining and associating functions being performed in response to receipt of a software mode select command that has a format comprising multiple parameter selection fields, and is used to set the hard drive to a Redundant Array of Independent Disks (RAID) level selected from any one of multiple RAID levels; and
 - means for storing a predefined set of data on said first data storage segment with said first read/write head, and storing said predefined set of data on said second data storage segment with said second read/write head, responsive to a write operation for storing said predefined set of data on said individual hard drive.
9. (Currently Amended) The system of Claim 8, wherein one of said multiple parameter selection fields of the the defining and associating functions are performed responsive to receipt of a mode select command including a mode operation selection: is used to specify said Redundant Array of Independent Disks (RAID) level selected from any one of said multiple RAID levels.
10. (Original) The system of Claim 8, wherein the defining and associating functions are performed by said individual hard drive responsive to receipt of a RAID Page.

11. (Original) The system of Claim 8, wherein the defining and associating functions are performed by said individual hard drive responsive to receipt of a RAID Page including a RAID 1 mode selection.
12. (Original) The system of Claim 8, wherein the defining and associating functions are performed by said individual hard drive responsive to receipt of a RAID Page including a RAID 3 mode selection.
13. (Original) The system of Claim 8, wherein the defining and associating functions are performed by a controller associated with said individual hard drive.
14. (Original) The system of Claim 8, wherein the defining and associating functions are performed by a RAID controller associated with said individual hard drive.
15. (Currently Amended) A computer program product on a computer-readable medium for redundant data storage on an individual hard drive, said computer program product comprising:
first instructions for defining at least two data storage segments on said individual hard drive;
second instructions for associating a first read/write head with a first data storage segment of said at least two data storage segments;
third instructions for associating a second read/write head with a second data storage segment of said at least two data storage segments; [[and]]
said defining and associating instructions being performed in response to receipt of a software mode select command that has a format comprising multiple parameter selection fields, and is used to set the hard drive to a Redundant Array of Independent Disks (RAID) level selected from any one of multiple RAID levels; and
fourth instructions for storing a predefined set of data on said first data storage segment with said first read/write head, and storing said predefined set of data on said second data storage segment with said second read/write head, responsive to fifth instructions for storing said predefined set of data on said individual hard drive.
16. (Currently Amended) The computer program product of Claim 15, wherein ~~the first, second and third instructions are performed responsive to receipt of a one of said multiple parameter selection fields of the mode select command including a mode operation selection~~ is used to specify said Redundant Array of Independent Disks (RAID) level selected from any one of said multiple RAID levels.

17. (Original) The computer program product of Claim 15, wherein the first, second and third instructions are performed by said individual hard drive responsive to receipt of a RAID Page.
18. (Original) The computer program product of Claim 15, wherein the first, second and third instructions are performed by said individual hard drive responsive to receipt of a RAID Page including a RAID 1 mode selection.
19. (Original) The computer program product of Claim 15, wherein the first, second and third instructions are performed by said individual hard drive responsive to receipt of a RAID Page including a RAID 3 mode selection.
20. (Original) The computer program product of Claim 15, wherein the first, second and third instructions are performed by a controller associated with said individual hard drive.